

WORD LIST:

1. **FLIGHT** the act, principles, or technique of flying an airplane
2. **AERODYNAMICS** dynamics that deals with the motion of air and other gaseous fluids and with the forces acting on bodies in motion relative to such fluids
3. **AIRSPEED** the speed (as of an airplane) with relation to the air
4. **AILERON** a movable airfoil at the trailing edge of an airplane wing that is used for imparting a rolling motion especially in banking for turns
5. **AIRFOIL** an airplane wing or propeller blade) designed to provide a desired reaction force when in motion relative to the surrounding air
6. **ALTITUDE** position at a height
7. **CAMBER** a slight convexity, arching, or curvature
8. **CHORD** the straight line distance joining the leading and trailing edges of an airfoil
9. **DRAG** the retarding force acting on a body (as an airplane) moving through a fluid (as air) parallel and opposite to the direction of motion
10. **FORCE** strength or energy exerted or brought to bear : cause of motion or change
11. **FRICTION** the force that resists relative motion between two bodies in contact
12. **LIFT** to raise from a lower to a higher position
13. **PITCH** to cause to be set at a particular angle
14. **PRESSURE** the action of a force against an opposing force
15. **ROLL** to cause to revolve by turning over and over on or as if on an axis
16. **RUDDER** a movable auxiliary airfoil on an airplane usually attached at the rear end that serves to control direction of flight in the horizontal plane
17. **SPAN** the maximum distance laterally from tip to tip of an airplane
18. **STREAMLINE** a contour designed to minimize resistance to motion through a fluid
19. **STALL** the condition of an airfoil or aircraft in which excessive angle of attack causes disruption of airflow with loss of lift
20. **STAGNANT** not flowing in a current or stream
21. **THRUST** to push or drive forward with force
22. **TRAJECTORY** a path, progression, or line of development
23. **TURBULENCE** irregular atmospheric motion especially when characterized by up-and-down currents
24. **VELOCITY** the rate of change of position along a straight line with respect to time
25. **WEIGHT** the force with which a body is attracted toward the earth
26. **WING-SPAN** the distance from the tip of one of a pair of wings to that of the other
27. **WING** an airfoil that develops a major part of the lift which supports a heavier-than-air aircraft
28. **YAW** to turn by angular motion about the vertical axis